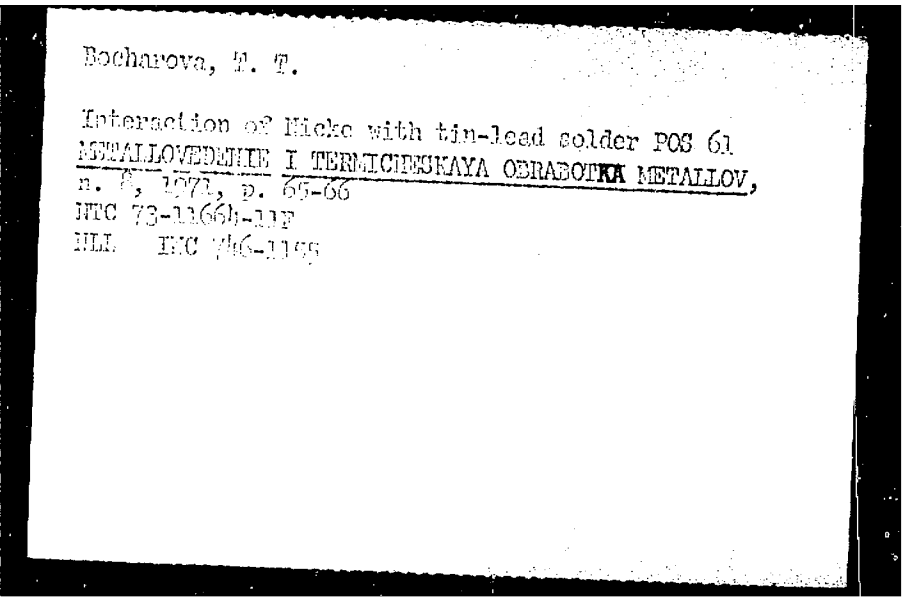
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



Bocharova, T. T.

Interaction of Nicke with tin-lead solder POS 61
METALLOVEDENIE I TERMICHESKAYA OBRABOTKA METALLOV,
n. 6, 1973, p. 65-66
NTC 73-11668-11P
HLL NTC 76-1165

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

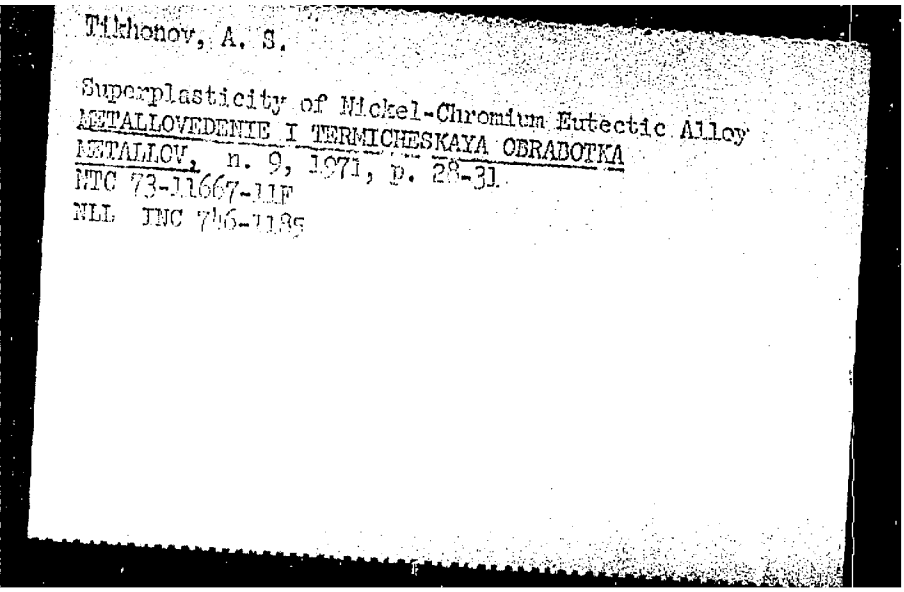
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Potak, Ya. M.

Structural Diagram of Deformed Stainless Steels
METALLOVEDENIE I TERMICHESKAYA OBRABOTKA METALLOV, n. 9, 1971, p. 12-16
MIC 73-11666-11F
MLI MIC 746-1176

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



Tikhonov, A. S.

Superplasticity of Nickel-Chromium Eutectic Alloy
METALLOVEDENIE I TERMICHESKAYA OBRABOTKA
METALLOV, n. 9, 1971, p. 28-31
NTC 73-11667-11F
NLL JNC 706-7189

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Muravev, V. I.

Cementation in Electrically conductive Fluidized Bed
METALLOVEDENIE I TERMICHESKAYA OBRABOTKA METALLOV, n. 9,
1971, p. 61-63
NTC 73-11663-11F
NLL INC 746-1180

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

SUPERPLASTICITY OF STEEL KH18N10T

KAYBYSHEV, O.; LANGUAGE-RU COUNTRY-UR

METALLOVEDENIYE I TERMICHESKAYA OBRABOTKA MET ALLOV, # 4/1973, PP 6-7.

FSTC-HT-23-0277-74

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Nasibov, A.G.

The effect of vanadium, niobium, carbon and silicon on the properties of low-pearlite steel.
METALLOVED. TERM. OBRABOT, MET. Vol.4, 1973, pp.19-24.
*BISI 11770

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

ALUMINUM ALLOYS WITH A HIGH CONTENT OF HIGH M
ELTING METALS complete 13/1

DOBATKIN, V., Y LANGUAGE-RU COUNTRY-UR

METALLOVED. TSVET. SPLAVOV, '72, NAUKA, M., P
P 163-169.

AKM

FSTC-HT-23-0710-74

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

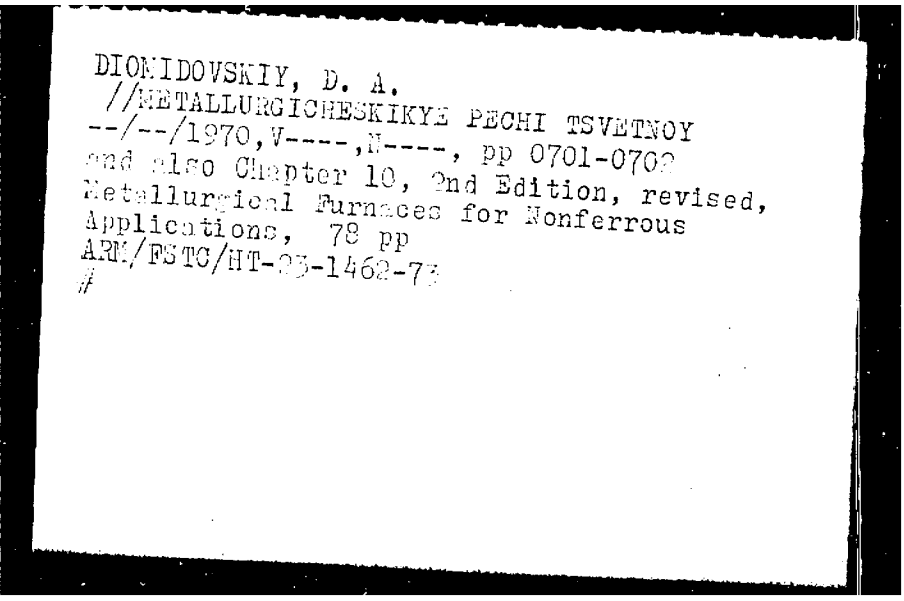
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Schoenmann, R.

Results of New Investigation on the Surface Treatment of Steel Before Enamelling.
METALLREINIGUNG UND VORBEHANDLUNG, 1969, V.18 No.4, pp.116-124
BISI 8555

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



DIONIDOVSKIY, D. A.
//METALLURGICHESKIKYE PECHI TSVETNOY
--/--/1970,V----,N----, pp 0701-0702
and also Chapter 10, 2nd Edition, revised,
Metallurgical Furnaces for Nonferrous
Applications, 78 pp
ARM/FSTC/HT-23-1462-72
#

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Boucher, A.

Industrial Application of the Process of Remelting under Slag to Steels and Alloys.
METALLURGIE X - 1 - 1970.
FSTC-HT-23-2191-72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

SUPERCONDUCTING COMPOUNDS OF METALS AND THEIR APPLICATION

SAVITSKIY, YE. LANGUAGE-RU COUNTRY-UR

METALLURGIYA ZH. VOL. 7, 1971, PP. 408-14

FSTC-HT-23-0127-74

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

BOKSHTEYN, S. Z.
//METALLOVEDENIYE, PUB. NAUKA MOSCOW,//
--/--/1971, V----,N----,
Composite materials reinforced with filiform
crystals, 9 pp
pp 137-42-FSTC-HT-23-2516-72@@

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

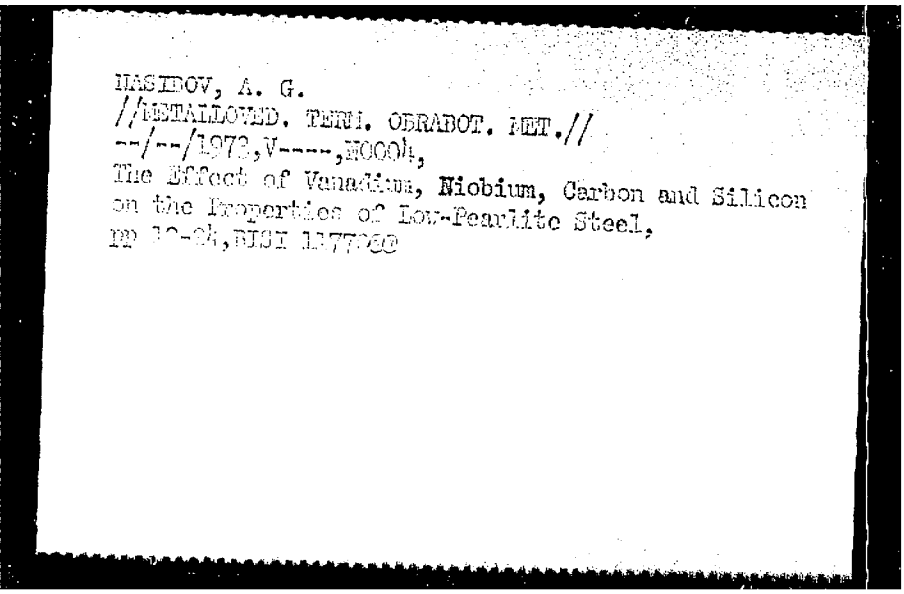
Litvak, D. V.

Corrosion-cavitation resistance of tin and aluminium bronzes

METALLOVEDENIE I TERMICHESKAYA OBRABOTKA METALLOV,
n. 1, 1972, pp. 62-64
NTC 73-13892-11f
NLL 3623.66 (3016)

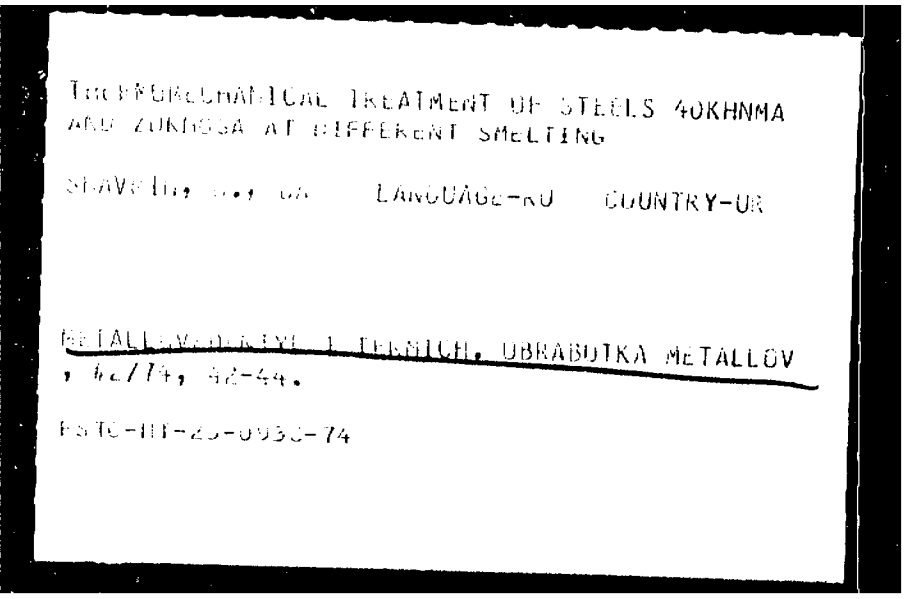
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



THERMOMECHANICAL TREATMENT OF STEELS 40KHNMA AND ZOKHGSA AT DIFFERENT SMELTING

SLAVETA, ... , UA LANGUAGE-RU COUNTRY-UR

METALLOVEDENIYE I TERMICH. OBRABOTKA METALLOV , 4, 74, 42-44.

FSTC-HT-23-0936-74

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

KAYBYSHEV. O. A.
//METALLOVEDENIYE I TERMICHESKAYA OBRABOTKA METALLOV//
--/--/1973, V----, N0004
Superplasticity of steel KH18N10T 5 pp
pp 66-67 FSTC-HT-23-277-74##

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Metals, Methods of Mechanical and Technological Testing, 387 pp.
RUSSIAN, per, Metally. Metody Mekhanicheskikh i Tekhnologicheskikh Ispytaniy, Moscow, 1972, 388 pp.
JPRS 59280

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Breakpot, R.

The electrochemical precipitation of copper electrorefining and electrowinning.
METALLURGIE, MONS, Vol 11, No 1, 1971, pp 35-44
NTC 73-14884-11F

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Skripov, V.P.
METASTABIL'NAYA ZHIDKOST' (metastable Liquids)
Izdatel'stvo "Nauka". Glavnaya Redaktsiya Fiziko-Matematicheskoi Literatury, Moscow, 1972 312 pp
Bib.
*IPST 13 Feb 1973

July 1973

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Skripov, V. P.

Explosive boiling of liquids during impulse heating. 42 pp.
METASTABIL'NAYA ZHIDKOST', 1972, pp. 168-206.
AIR/FTD/MT-24-245-73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

KVASHA, L. G.
//METEORITIKA//
--/--/1961,V0020,N----,
Vector Diagram of the Chemical Compositions of Tektites and Earth Lavas, 16 pp.
pp 193-203,NASA-TT-F-14793@@

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Yudin, I. A.

Collection and Examination of Meteor Dust
METEORITIKA, v. 25, 1964, pp. 192-193
NTC 73-21552-03B
NTIS N72-32825

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

FLORENSKII, K. P.

Differentiation of Meteoric Matter in the Earth's Atmosphere
METEORITIKA, Vol. 30, pp. 104-113, 1970
NTC 73-10285-03B

March 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Metoerological Interpretation of Space Photographs of the Earth, by D.M. Sonechkin
METEOROLOGICHESKOYE DESHIFRIROVANIYE KOSMICHESKIKH SNIMKOV ZEMLI, 1972, pp 1-130.
*NASA TT F-786

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Dorman, L. I.

The Meteorological Effects of Cosmic Rays
METEOROLOGICHESKIYE EFFEKTY KOSMICHESKIKH LUCHEY, Nauka
Press, 1972, [redacted] pp 211
NASA TT F-755-73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

SPEICH, J.
//LA METEOROLOGIE//
--/--/1970,V001?,N----, pp 0025-0056,
Jan-Mar 1970 edition,
Spectral Analysis of Atmospheric Flow in
the Planetary Ladder,
#NTIS-TT-74-55112##

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Meteorological Optics, by J. M. Pernter.
METEOROLOGISCHE OPTIK, 1922.
*NSF/DES
Available at NTIS TT 73-55087

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Flohn, H.

Are we producing our own climate?
METEOROLOGISCHE RUNDSCHAU, Vol 23, No 6, 1970,
pp 161-164
NTC 73-14321-04B

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

ROMUSHKEVICH, V. I.
//METEOROLOGIYA I GIDROLOGIYA INFORMATSIONNYY BYULLETEN//
--/--/. 967, V----, NO012
The frequency of the most intensive dust storms in the Ukraine 6 pp
pp 111-115 FTC-HT-23=0139-74/##

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

A METHOD OF DETERMINING THE DANGER OF AIRPLAN
E ICING

PCHELKO, I. LANGUAGE-RU COUNTRY-UR

METEOROLOG. I GIDROLOG. NO. 3, 1947, PP 63-4

FSTC-HT-23-1818-73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

DUST STORMS IN THE TRANSVOLGA

BOVA, N. V. LANGUAGE-RU COUNTRY-UR

METEOROLOG. I GIDROLOG. #12 1957, 29-31

FSTC-HT-23-0415-74

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Matushevskiy, G.V.

Angular energy distribution in the spectrum of ocean waves.
METEOROLOGIYA I GIDROLOGIYA, No.4, pp.17-22, 1961.
*APL/JHU J-1925

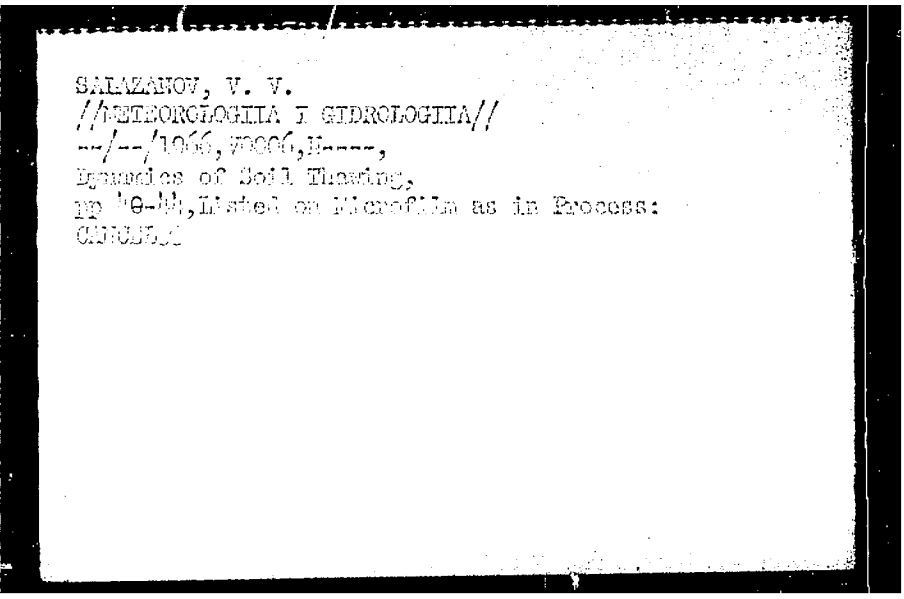
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

MANDYCH. A. F.
//METEOROLOGIYA I GIDROLOGIYA//
--/--/1966, V0002 N----
Influences of flood waves of mountain rivers
on drift discharge 6 pp
pp 41-43 NTIS TT 72-51105##

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



SALAZANOV, V. V.
//METEOROLOGIIA I GIDROLOGIIA//
--/--/1966, ######,#####,
Examples of Soil Thawing,
pp 1##-##,Listed on Microfilm as in Process:
CHRONZ.

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Zalivadnyi, B.S.

Dynamic thermocapacititve soil-moisture sensor.
METEOROLOGIYA I GIDROLOGIYA, 1966, pp 52-55, n. 5.
NTC 73-12391-08M.
NTIS N72-21414.

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

19-Jun-73

Uncl (SLA--73-604) Distribution of raindrops according to size. MAZIN, I.P.; NEVZOROV, A.N. Translated by Patricia Newman (Sandia Labs., Albuquerque, N. Mex.) from Meteorol. Gidrol.; No. 4, 99-106(1968). 17p. Dep. NTIS $3.00.

04B meteorology; 04A physics (atmospheric); translations
MN-53 P NSA

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

DUST STORMS IN THE ALTAY TERRITORY

KUKIS, S. I. LANGUAGE-RU COUNTRY-UR

METEOROLOG. I GIDROL. (MOSCOW) #12, 1968, 74-79

FSTC-HT-23-0414-74

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Khrgyan, A. Kh.

Ozone concentrations in the lower stratosphere harmful to man.
METEOROLOGIYA I GIDROLOGIYA, 1969, pp 10-15, n. 4.
NTC 73-12035-06F (Available on loan) (Pg. 62-68)

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Nalivkin, D. V.

"Diffuse" tornadoes and their recordings.
METEROLOGIYA I GIDROLOGIYA, No 1, 1969, pp 93-95
NTC 73-22096-04B

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

30-Aug-74

Uncl (UCRL-Trans--10744) Distribution of atmospheric contaminants in urban areas. BERLYAND, M.E. . Translated by H. C. Rodean and A. Kusubov from Meteorol. Gidrol.; No. 3, 45-47(1970). 20p. Dep. NTIS $4.00.

environmental studies; 04B meteorology; translations
MN-11 P NSA

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Vaysman, G. M.

The First Stage of a System for Large-Scale Automation of the Hydrometeorological Service of the USSR.
METEOROLOGIYA I GIDROLOGIYA, No. 5, 1970, pp. 94-101.
NAV/NISC 3449

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

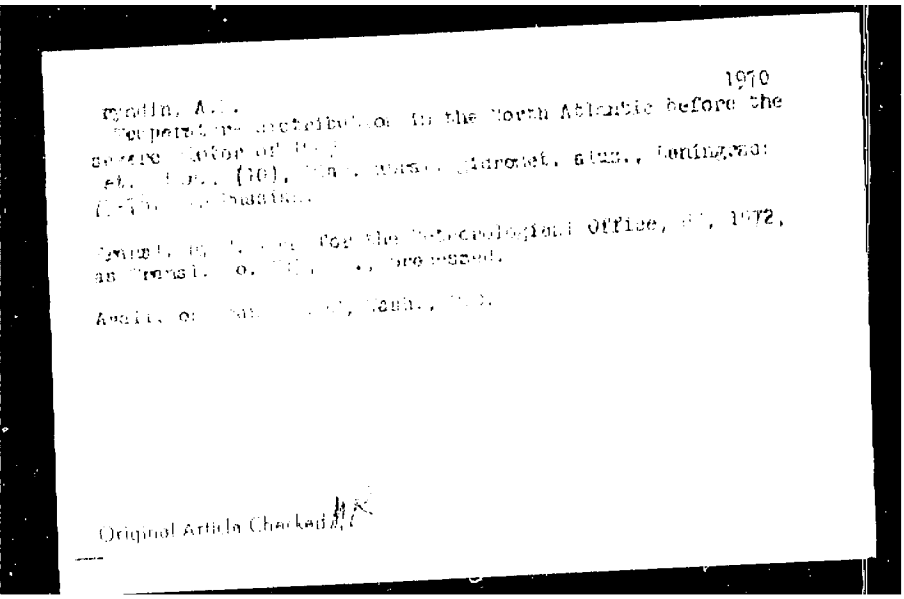
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Kondratev, K. Ya.

Possibility of studying Atmospheric Pollutants by means of Satellites
METEOROLOGIYA I GIDROLOGIYA, n. 9, 1970, pp. 3-9
Available on loan NTC 73-12800-04B (p. 1-8)

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



1970

Original Article Checked

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Source: [illegible] Cold Regions Res. & Eng. Lab.
AD No.: 73-1-53 9244/0282
23 Apr. 73

Title: Estimating snow cover density in the [illegible]ta mountain river basin (Tab 25-2[illegible]6)

Author: Ivakosov, Ye.V. & Mozik, Ye.M.

Source: Meteorologiia i Gidrologiia 11:77-82, Nov 1970. (Dr. Khuronyi checked for translated version; could not find that this paper had been included)

Language: Russian

Spec.instr.: Please translate & type single space; no paste-up, leave space, translate footnotes, headings of illus., etc.

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Kryndin, A.N. 1970
Temperature distribution in the North Atlantic before the severe winter of 1969
Met. Gidr., (10), Glav. uprav. gidromet. sluz., Leningrad: 75-78. In Russian.

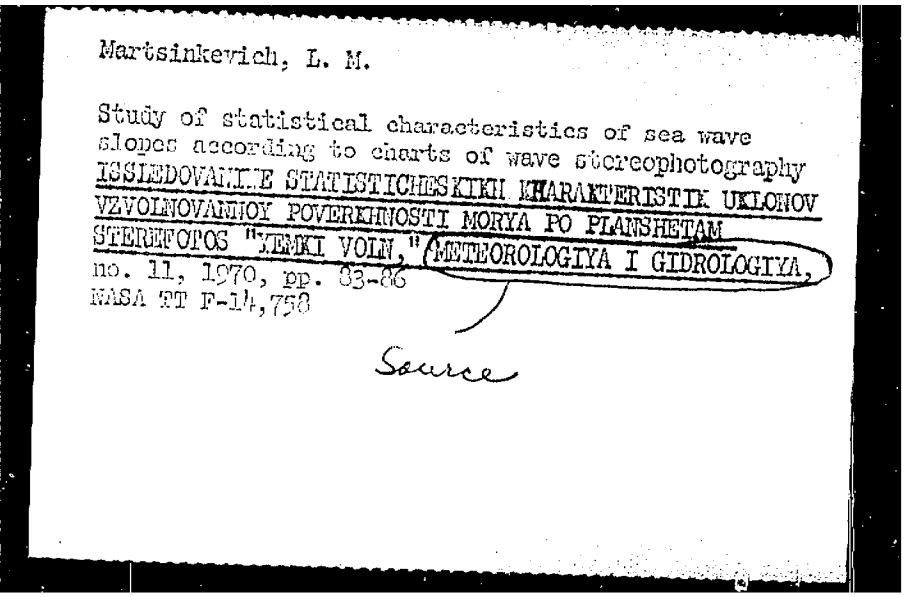
Transl. by C. Long for the Meteorological office, UK, 1972, as Transl. No. 715, 6p., processed.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked MR

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6



Martsinkevich, L. M.

Study of statistical characteristics of sea wave slopes according to charts of wave stereophotography
ISSLEDOVANIYE STATISTICHESKIKH KHARAKTERISTIK UKLONOV VZVOLNOVANNOY POVERKHNOSTI MORYA PO PLANSHETAM STEREFOTOS "YEMKI VOLN," METEOROLOGIYA I GIDROLOGIYA, no. 11, 1970, pp. 83-86
NASA TT F-14,758

Source

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Davitaya, F. F.

History of the atmosphere and the dynamics of its gaseous constituents.

METEOROLOGIYA I GIDROLOGIYA, No 2, 1971, pp 21-28

NTC 74-10240-04B

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Kondrat'yev, K. Ya.

Studies of the environment from space
ISSLEDOVANIYA PRIRODNOY SREDY IZ KOSMOSA, (METEOROLOGIYA I GIDROLOGIYA) NO. 7, 1971, pp. 108-111
NASA TT F-14,759

Source

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Martsinkevich, L. M.

Relationship between outgoing microwave radiation and the surface of the sea based on data obtained from the kosmos 243 satellite.
METEOROLOGIYA I GIDROLOGIYA, No 8 1971, pp 50-59.
NTC 73-11395-17B

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Pakhomov, L. A.

Thermal Sounding Experiment by the Meteor Artificial Earth Satellite
METEOROLOGIYA I GIDROLOGIYA, n. 12, 1971, pp. 25-30
NTC 73-21523-22C
NASA N73-10061

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

KONDRATYEV, K. YA
//METEOROL. GIDROL. (MOSCOW),//
--/--/1972, V----, N0005,
Space ecology (based on materials of 22d international congress on astronautics 14 pp
pp 108-113 NASA TT F 14760@@

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Kogan, Z. N.

Instability of internal waves in stratified jet streams.
METEOROLOGIYA I GIDROLOGIYA, No 5, 1972, pp 12-21
NTC 73-13372-04B

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Instability of Internal Waves in Stratified Jet Streams, by A. N. Kogan.
METEOROLOGIYA I GIDROLOGIYA, No 5, 1972, pp 12-21.
NAVY/APL/JHU-CLB-3 T-654

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Berlyand, M. Ye.

On air pollution forecasting.
METEOROLOGIYA I GIDROLOGIYA, No 9, 1972, pp 11-18
NTC 74-10240-04B
NTC 74-10240-04B

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Some Characteristics of Tropical Depressions Over the Atlantic Ocean, by L. V. Kool.
METEOROLOGIYA I GIDROLOGIYA, No 9, 1972, pp 82-85.
*NTIS TT 73-50012

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

KHRGIAN, A. KH.
./METEOROLOGIYA I GIDROLOGIYA,//
--/01/1973, V-----.N0001,
The international conference on cloud physics
in London, 1972 4 pp
pp 120-121, AIR/FTD/HT-23-1830-74@@

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Statistical Description of the Wind Field in the Upper Troposphere and Lower Stratosphere Considering the Scale of Motion,, N. Z. Pinus, 17 pp. RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 2, 1973, pp 3-17.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Efficient Utilization of Forecasting and Climatologic Information When Making Economic Decisions, by L. A. Gandin, 11 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 2, 1973, pp 18-26.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Numerical Forecasting of the Baric Field in the Stratosphere, by I. V. Bugayeva, 11 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 2, 1973, pp 27-35.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Time-Space Analysis of Asynchronous Meteorological Data, by Sh. A. Musayelyan, 13 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 2, 1973, pp 36-46.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Method of Calculating Turbulent Fluxes by the Network Data, by M. A. El'-Shakhovi, 8 pp. RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 2, 1973, pp 47-52.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Blocking Anticyclones Over Siberia During the Cold Half of the Year and the Possibility of Forecasting Them, by V. S. Kalachikova, 8 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 2, 1973, pp 61-66.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Climatic Variability of the Winter Wheat Harvest,
by V. N. Pasov, 13 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow,
No 2, 1973, pp 94-103.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Duration of Thunderstorms Over the Territory of the USSR, by T. V. Lobodin, 6 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 2, 1973, pp 106-110.
JPRS 58797

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

29-Jan-74

Uncl (ORNL-tr--2743) Effect of topography on spreading of impurities with consideration of their initial elevation. BERLYAND, M.E.; KISELEV, V.B. Translated from Meteorol. Gidrol.; No. 3, 3-10(1973). 9p. Dep. NTIS $3.00.

environmental studies; 04A physics (atmospheric); translations
MN-11 P NSA

revision

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Effectiveness of the Method of the Transcaucasus Scientifc Research Hydrometeorological Institute Hail Protection Method for Farm Crops (Results of the Five-Year Experiment), by V. P. Lominadze, I.T. Bartishvili, 8 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 11-16.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Methods of Detailed Objective Analysis of Geopotential, Temperature and Dewpoint Fields at the 850 Millabar Level, by T.A. Galakhova, 7 pp. RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 17-21.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Study of the Effect of Heat Fluxes on the Formation of the Ground and High-Altitude Baric Fields in the Northern Hemisphere, by P. N. Belov, 14 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 22-32.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Dynamic of the Plantary Jet Stream, by
I.M. Kravchenko, 5 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow,
No 3, 1973, pp 33-36.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Efficient Placement of Meteorological Stations as a Problem of Operations Research, by L.T. Myach, 9 pp. RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 46-52.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Study of the Velocity Field of Surface Waves, by G. Ye. Kononkova, L. V. Poborchaya, 5 pp. RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 85-87. JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

System of Four Geoisochronous Satellites for Global Observations, by V. A. Bugayev, 5 pp. RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 96-98.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Accuracy of Meteorological Observations on Ships and the Possibility of Mesometeorological Measurements in the Tropical Part of the Ocean, by Yu. R. Romanov, N. A. Romanova, 7 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 99-103.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Angular Characteristics of Underwater Pyranometers,
by T. N. Dovgiy, 6 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow,
No 3, 1973, pp 103-106.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Modern Trends in the Improvement of the Scientific Equipment on Meteorological Satellites, by K. Ya. Kondrat'yev, 8 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 3, 1973, pp 107-112.
JPRS 59052

May 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Some Results of Satellite Ozone Observations on 17-18 June 1966, by A. Kh. Khrgian, 13 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 4, 1973, pp 3-12.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Grounds for Four-Dimensional (Continuous) Processing of Meteorological Observation Data on the Basis of the Dynamic Statistical Approach, by D. M. Sonechkin, 9 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 4, 1973, pp 13-20.
JPRS 59210

June '73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Approximation of the Radiation Equilibrium as Applied to Cloud Structures, by L. I. Markosova, 8 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 4, 1973, pp 38-44.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Experiment in Selective Distribution of Bibliographic Information on Hydrometeorology by Computer, by S. S. Starovoyt, 10 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 4, 1973, pp 45-51.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Aircraft Gamma Surveys of the Moisture Content in the Surface Detention Layer, by A. V. Dmitriyev, 17 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 4, 1973, pp 64-76.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Degtyareva, G. V.

Forecasting the Spring Wheat Harvest Before Planting by Inertial Factors.
11 pp
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 4, 1973, pp 77-84.
JPRS 59790

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Hydrometeorological Characteristics of 1972,
by V. N. Parshin, 5 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow,
No 4, 1973, pp 85-87.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Some Statistical Characteristics of the Atmospheric Ozone Measurements, by N. K. Grib, 9 pp. RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow, No 4, 1973, pp 87-93.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Results of International Comparisons of the
Aerological Radiosondes of the Sample Type,
by V. I. Shlyakhov, 8 pp.
RUSSIAN, per. Meteorologiya i Gidrologiya, Moscow,
No 4, 1973, pp 94-98.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Conferences, Meetings and Seminars, by
I. G. Sitnikov, 6 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, Moscow,
No 4, 1973, pp 116-119.
JPRS 59210

June 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Ugryumov, A. I.

Large-Scale Fluctuations of the Water Surface Temperature in the North Atlantic, 14 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 12-22.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Rakipova, L. R.

Effect of the Fluctuations of the Carbon Dioxide Concentration on the Thermal Regime of the Atmosphere, 11 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 23-31.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Kostyukov, V. V.

Matching the Geopotential and Wind Fields in Order to Improve the Accuracy of Objective Analysis, 10 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 32-39.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Minyushina, L. S.

Zonal Wind Field Structure in the Stratosphere and Lower Mesosphere of the Tropical Zone During the Equinoxes, 12 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 40-49.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Dmitriyev, A. A.

Method of Calculating the Correlation Functions of the Diurnal Precipitation Totals and Their Space-Time Variability Under Various Natural Conditions, 9 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 58-65.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Karnovich, V. N.

Ice Jams on the Dnestr and Some Proposals to Prevent Flooding Caused by Them, 10 pp. METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 78-85.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Zubakin, G. K.

Wind-Wave Spectrum at the Edge of the Ice,
5 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5,
1973, pp 95-97.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Novozhilov, N. I.

Low-Level Jet Streams in the Boundary Layer of the Atmosphere, 10 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 105-110.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Lominadze, V. P.

Twentieth Anniversary of the Transcaucasus Scientific Research Hydrometeorological Institute, 7 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 111-114.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Gandin, L. S.

Symposium on the Problems of Studying the Statistical Structure, the Objective Analysis and Automated Monitoring of Meteorological Fields, 8 pp.
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 5, 1973, pp 120-124.
JPRS 59580

Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Burtsev, A. I.

An Exact Solution to the System of Forecasting Equations of the Barotropic-Divergent Model of the Atmosphere.
12 pp
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 7, 1973, pp 3-12.
JPRS 60164

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Kogan, Z. N.

Internal Waves in Stratified Flows.
14 pp
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 7, 1973,
pp 13-23.
JPRS 60164
APL/CLB-3 T-662

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6

Pavlovskaya, A. A.

Structure of Global Geopotential Fields in Connection With the Quasibiannual Cyclicity in the Equatorial Stratosphere.
15 pp
METEOROLOGIYA I GIDROLOGIYA, Moscow, No 7, 1973, pp 24-35.
JPRS 60164

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000100070058-6